

### **AMENDMENT TO THE SPECIFICATION**

It is Applicants' understanding that the Abstract appears as a part of another page of the Application. In the event that an Abstract is not already entered on a separate sheet in accordance with 37 CFR 1.52(b)(4), please cancel the Abstract text and re-enter it on a separate sheet as follows:

### **ABSTRACT**

The present invention relates to an apparatus for real-time monitoring chemical reaction between various biomaterials. More particularly, the present invention directed to a real-time monitoring apparatus for biochemical reaction, which comprises parabolic mirror and/or an optical waveguide tube for effective irradiation of light over the whole plate with uniform intensity.